

1      **51052/JEC/B600 -**

**ABSTRACT OF THE DISCLOSURE**

5            The present invention relates to a mobile set integrating a memory  
efficient data storage system for the real time recording of voice conversations,  
data transmission and the like. The data recorder has the capacity to selectively  
choose the most relevant time frames of a conversation for recording, while  
discarding time frames that only occupy additional space in memory without  
10    holding any conversational data. The invention executes a series of logic steps  
on each signal including a voice activity detector step, frame comparison step,  
and sequential recording step. A mobile set having a modified architecture for  
performing the methods of the present invention is also disclosed.

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